HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 55SR0570027

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: SR57

CROSSING: LICK CREEK

LATITUDE:: N 35.06961 DEGREES LONGITUDE: W 88.44136 DEGREES

COUNTY: McNAIRY
ROUTE: SR057
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 20.58

LON	IGITUDE: W 88.44136 DEGREES	YEAR BUILT: 1948	
		TYPE OF SUPERSTRUCTURE	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN: NOT APPLICABLE	
		TYPE OF SUBSTRUCTURE	
ABUTMENTS:	CONCRETE STUB ABUTMENT ON C	ONCRETE PILE FOUNDATION	
BENTS:	CONCRETE PILE BENT ON PILE FOR	JNDATION	
PIERS:	CONCRETE COLUMNS WITH SOLID	WEB WALL (DUMB BELL) ON TIMBER PILE FOUNDATION	
		SCOUR EVALUATION	
	our critical; bridge foundations det stalled and is in good condition.	termined to be unstable for calculated scour conditions. Rip-rap protection	
		INSPECTION PROCEDURES	
What Initiated the Call-out Inspection?		[] BridgeWatch Alert	
		[] TDOT District or Local Maintenance Personnel	
		[] THP or Local Law Enforcement Personnel	
		[] Other:	
Things to c	heck on a bridge during floods	<u>.</u>	
[] - Span	movement - horizontally as we	ell as vertically	
1. C	Check displacement / deflection	along curb line, both bridge rails and outer edge of bridge deck.	
2. 0	Check for plumb of piers or ben	ts.	
[] - Chec	k for embankment erosion		
[] - Chec	k for drift build-up on piers or b	pents	
		d compare to previous inspection	
[] - Revie	w the latest bridge inspection	report versus current field conditions	
If Closure is	recommended:		
Coun temp	ty or City Maintenance Person	ross road until bridge is secured and properly closed by District, nel. Use Barricade Tape, traffic cones and/or traffic flares as sts to stay off of the bridge until such time as the bridge may	
[] - Conta	act: (1) District Maintenance S	upervisor (if bridge is State maintained)	
	(2) City or County Highway	/ Maintenance Official (if bridge is not State maintained)	
	(3) Tennessee Highway Pa	trol and/or local law enforcement Officers as appropriate	
	(4) TDOT Regional Bridge		
	Bridge should remain closed until the water recedes and a daylight visual inspection is made TDOT bridge inspection team.		

PUBLICATION DATE

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[] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any brid	ge on the selected detour route shall be checked	
- The bridge can be re-opened only after a TDOT bridge inspection team checks the substructure units and they are determined to be structurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:	
REGION BRIDGE ENGINEER	(731) 234-9561	
DISTRICT MAINTENANCE SUPERVISOR	(731) 694-6673	
TENNESSEE HIGHWAY PATROL	(731) 423-6635	
The report shall include the date and time of the as appropriate, photographs of the bridge and st scouring has occurred, the report shall also be c	tream channel measurements. If significant copied to Bridge Inspection Headquarters.	
Suggested List of Equipment to conduct the Inspection	<u>n:</u>	
Latest Bridge Inspection Report		
Scour POA Report with the above Checklist		
Bridge Design Plans, if available		
Tape measure with weight		
Plumb bob		
Range Pole		
A 1000 Foot Roll of yellow Polyethylene Barricade Tap		
SAFETY HAZARD KEEP A	WAY	

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A roll of Duct Tape

A Barricade Tape Dispenser with serrated cutter

TDOT radio directory (State Personnel only)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

Traffic Cones - Minimum of four (4)